

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 124457-2 (GE3-0016-P)		Application Number 10/670,533		
				Applicant(s) Niskayuna Mehmet Arik, et al.				
				Filing Date September 24, 2003		Group Art Unit 3744		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MJ		6,198,627 B1	03/2001	Rochling, et al.	361	688		
MJ		6,587,335 B1	07/2003	Nelson, et al.	361	687		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MJ		2002/0010743 A1	01/82002	Ryan, et al.	709	205		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
MJ		DE 196 25 606 A1	01/1998	Germany	G06F	1/20		✓
MJ		2002-26560	01/2002	Japan	H05K	7/20		✓
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
MJ		A copy of the Patent Cooperation Treaty International Search Report dated July 13, 2004.						
EXAMINER Mellms				DATE CONSIDERED 6/21/05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

FORM PTO 1449 (REV 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	File No. 124457-2 (GE3-0016-P)	Serial No. N/A 10/670,533
		Applicant(s): ARIK et al.	
		Filing Date: September 24, 2003	Group: N/A 3744

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	1	5,380,956	01/10/95	Loo et al.	174	252	07/06/93
	2	6,029,742	02/29/00	Burward-Hoy	165	80.4	06/03/97
	3	6,033,506	03/07/00	Klett	156	78	09/02/97
	4	6,119,987	09/19/00	Kiknadze et al.	244	204	07/19/96
	5	6,438,984	08/27/02	Novotny et al.	62	259.2	11/27/01
	6	6,468,150	10/22/02	Langdon et al.	454	184	03/30/01

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

MS	7	Abdel-Rahman, E. et al. "Size Considerations in Interfacing Thermoacoustic Coolers with Electronics". 2002 Inter Society Conference on Thermal Phenomena, pages 421-424.	
	8	Afanas'yev, V.N. et al. "Thermohydraulics of Flow Over Isolated Depressions (Pits, Grooves) in a Smooth Wall". Heat Transfer Research, Vo. 25, No. 1, 1993, pages 22-56.	
	9	Afanas'yev, V.N. et al. "Turbulent Flow Friction and Heat Transfer Characteristics for Spherical Cavities on a Flat Plate". Experimental Thermal and Fluid Science, Vol. 7, 1993, pages 1-8.	
	10	Bash, Cullen E et al. "Acoustic Compression for the Thermal Management of Multi-Load Electronic Systems". 2002 Inter Societ Conference on Thermal Phenomena, pages 395, 402.	
	11	Chyu, M.K. et al. "Concavity Enhanced Heat Transfer in an Internal Cooling Passage". IGTI Turbo Expo, Paper No. 97-GT-437, Orlando, 1997, pages 1-7.	
	12	Dickenson, Randall D. et al. "A System Design Approach to Liquid-Cooled Microprocessors". 2002 Inter Society Conference on Thermal Phenomema, pages 413-420.	
	13	Gillespie, D. et al. "Detailed Flow and Heat Transfer Coefficient Measurements in a Model of an Internal Cooling Geometry Employing Orthogonal Intersecting Channels". Paper No. 2000-GT-653, IGTI Turbo Expo, Munich, 2000, pages 1-8.	
	14	Goreloff, V. et al. "The Investigation of Heat Transfer in Cooled Blades of Gas Turbines". AIAA Paper No. 90-2144, 26 th Joint Propulsion Conference, Orlando, 1990, page 1-5.	
	15	Heydari, Ali. "Miniature Vapor Compression Refrigeration Systems for Active Cooling of High Performance Computers". 2002 Inter Society Conference on Thermal Phenomema, pages 371-378.	
	16	Kesarev, V.S. et al. "Convective Heat Transfer in Turbulized Flow Past a Hemispherical Cavity". Heat Transfer Research, Vol. 25, 1993, pages 156-160.	
	17	Osgood, Sarah. "Heat Transfer in Carbon Foams". Master's Thesis, Department of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, NY, December 2001.	

Examiner

MS

Date considered

6/21/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.